

Amendments

In accordance with 37 CFR §1.121, please amend the above-identified application as set forth below.

Amendments to the Claims:

Please amend the claims as set forth below.

1.-7. (Cancelled)

8. (Currently Amended) A control processor for satellite broadcast of media content data comprising;

a control processor being configured to build control instruction commands, said control instruction commands being executable by an uplink for transmission of a digital video broadcast bitstream including control instructions contained within said control instruction command;

said control processor being in operative communication with a web server such that control instruction requests are received by said control processor after said requests are received by said web server in an HTTP transmission from a remote web browser;

said control processor being further configured to package control instructions from said control instruction requests in an email to at least one remote slave uplink, said control processor being further configured to send a control instruction command in response to an order remotely entered from said remote web browser; and

a communication link to a computer network, said communication link allowing said control instruction command to be emailed to remote uplinks

~~wherein said remote uplink is not configured to receive control instruction requests at said remote uplink, said remote uplink only receiving control instruction commands through said emails from said control processor.~~

9. (Currently Amended) The control processor of the previous claim wherein said communication link further allows confirmation message from said at least one remote slave uplink back to said control processor via email.

10. (Currently Amended) A method of controlling a media content broadcast comprising:

receiving a control instruction request at a central processor from a remote input, through a computer network linked to both said central processor and said remote input;

generating a control instruction command, said control instruction command being configured to be executable by a slave uplink for transmission of the control instructions to a plurality of remote receivers via satellite, said slave uplink being remote from said central processor; and

sending said control instruction command to the slave uplink through said computer network, said slave uplink also being linked to said computer network, said sending step being executed in response to a command from said remote input;

wherein said slave uplink is remote from said central processor and wherein said remote slave uplink is not configured to receive control instruction requests and wherein said remote slave uplink only receives control instruction commands through said email from said remote central processor.

11. (Previously Presented) The method of claim 10 wherein said computer network is the internet.

12. (Previously Presented) The method of claim 10 wherein said sending step is in batch mode.
13. (Previously Presented) The method of claim 10 wherein said sending step is in session mode.
14. (Previously Presented) The method of claim 10 wherein said control instruction command includes scheduling.
15. (Cancelled)
16. (Previously Presented) The processor of claim 8 wherein said control processor links to said computer network via a protocol selected from the group consisting of:
SMTP, HTTP, FTP, and TFTP.
17. (Previously Presented) The processor of claim 8 further comprising a graphical user interface with said control processor.
18. (Previously Presented) The processor of claim 8 wherein said control processor operates on Unix.
19. (Previously Presented) The processor of claim 8 wherein said link between said control processor and said computer network is an Ethernet/LAN link.
20. (Previously Presented) The processor of claim 8 wherein said control processor is associated with said web server via a socket server.
21. (Previously Presented) The processor of claim 8 further comprising a status memory in operative communication with said control processor.
22. (Previously Presented) The processor of claim 21 wherein said status memory records a receiver status and user status.

23. (Previously Presented) The processor of claim 21 further comprising an update driver, said update driver being configured to update said status memory to record a current status.

24. (Previously Presented) The processor of claim 8 further comprising a batch aggregator in operative communication with said control processor.

25. (Previously Presented) The processor of claim 24 wherein said batch aggregator and said control processor are separate components.

26. (Previously Presented) The processor of claim 24 wherein said batch aggregator is configured to complete a batch for transmission upon obtainment of a preconfigured batch volume.

27. (Previously Presented) The processor of claim 24 wherein said batch aggregator is configured to complete a batch for transmission upon reaching a preconfigured time out.

28. (Previously Presented) The processor of claim 8 wherein said control processor and said web server communicate via a language selected from the group consisting of:

Perl, TCL, C, C++, or Visual Basic.

29. (Previously Presented) The processor of claim 8 wherein said uplink further comprises a control stream inserter.

30. (Previously Presented) The processor of claim 8 wherein said uplink further comprises a firewall.

31. (Previously Presented) The processor of claim 8 wherein said web server further comprises a firewall.

32. (Previously Presented) The processor of claim 8 wherein said uplink further comprises an encoder and a multiplexer.
33. (Previously Presented) The processor of claim 8 wherein said uplink further comprises an audiovisual input device.
34. (Previously Presented) The processor of claim 33 wherein said audiovisual input device is a live feed.
35. (Previously Presented) The processor of claim 8 further comprising a schedule memory.
36. (Currently Amended) The processor of claim 35 wherein said schedule memory is located at said slave uplink.
37. (Previously Presented) The processor of claim 35 wherein said schedule memory is located at said control processor and in operative communication with said control processor.
38. (Currently Amended) The processor of claim 8 wherein said slave uplink is a conventional uplink, said conventional uplink further comprising a separate control processor.
39. (Previously Presented) The processor of claim 8 wherein said control instruction request includes a receiver address, a device address, a control parameter and a parameter data.
40. (Previously Presented) The processor of claim 8 further comprising default control instructions stored in a memory exit, said memory being operatively accessible by said control processor.

41. (Previously Presented) The processor of claim 8 further comprising an activity log.

42. (Previously Presented) The processor of claim 41 wherein said activity log is searchable.

43. (Previously Presented) The processor of claim 8 wherein said control instruction request is encrypted.

44. (Previously Presented) The processor of claim 8 wherein said control instruction command is encrypted.

45. (Previously Presented) The processor of claim 8 wherein said control instruction command includes receipt confirmation instructions.

46. (Previously Presented) The processor of claim 8 wherein said control instruction command includes no-error confirmation instructions.

47. (Previously Presented) The processor of claim 46 wherein said control processor is configured to resend a control instruction command if a no-error confirmation is not received.

48. (Previously Presented) The processor of claim 8 wherein said control processor is configured to update a status memory if a no-error confirmation message is received from said uplink.

49. (Previously Presented) The processor of claim 8 wherein said control instruction request includes an instruction to schedule transmission of control instructions at a later selectable time.

50. (Previously Presented) The processor of claim 8 wherein said control instruction command includes a control instruction packet.

51. (Previously Presented) The processor of claim 50 wherein said control instruction packet includes a frame separator, a system identification, a length indicator, a sequence number, a remote address for an individual receiver, a class identifier, a device address, a command identifier, a command data value and a check sum.

52. (Previously Presented) The processor of claim 8 wherein said control instruction request includes a control instruction packet.

53. (Previously Presented) The processor of claim 52 wherein said control instruction packet includes a frame separator, a system identification, a length indicator, a sequence number, a remote address for an individual receiver, a class identifier, a device address, a command identifier, a command data value and a check sum.

54. – 66. (Cancelled)

67. (Currently Amended) The processor of claim 8 wherein said slave uplink is operative to transmit data over a broadcast network to a plurality of receivers.

68. (Previously Presented) The processor of claim 8 wherein said communication link is remote from said control processor.

69. (Previously Presented) The processor of claim 8 wherein said communication link is remote from said uplink.

70. (Previously Presented) The processor of claim 8 wherein said communication link is remote from any of a plurality of receivers receiving said control transmissions.

71. (Currently Amended) The processor of claim 8 wherein said communication link is remote from said control processor, from said slave uplink and remote from any of a plurality of receivers receiving said control transmissions.

72. (Previously Presented) The processor of claim 8 having at least two uplinks.

73. (Previously Presented) The processor of claim 8 wherein said control instruction request is received by said control processor from said web server through said communication link.

74. (Previously Presented) The control processor of claim 8 wherein said master control processor is configured to combine control instructions in said control instruction request with control instructions stored in a memory, said stored instructions being scheduled control instructions and wherein said master control processor is further configured to output an email combining said control instruction requests with said scheduled control instructions from memory in a single control instruction command.

75. (Previously Presented) The control processor of claim 8 being further configured to receive control instruction requests entered into a master control web server by a subscriber to the media content.

76. (Previously Presented) The control processor of claim 8 further configured to record a history of control instructions in a memory.

77. (Previously Presented) The method of claim 10 wherein said master control processor is configured to combine control instructions in said control instruction request with control instructions stored in a memory, said stored instructions being scheduled control instructions and wherein said master control processor is further

configured to output an email combining said control instruction requests with said scheduled control instructions from memory in a single control instruction command.

78. (Previously Presented) The method of claim 10 being further configured to receive control instruction requests entered into a master control web server by a subscriber to the media content.

79. (Previously Presented) The method of claim 10 further configured to record a history of control instructions in a memory.

80. (New) The method of claim 8 further comprising said slave uplink excluding database storage and retrieval components.

81. (New) The method of claim 8 further comprising said slave uplink excluding a control instruction generating component.

82. (New) The method of claim 8 further comprising said slave uplink being configured to provide content data that is exclusively a live feed.

83. (New) The method of claim 8 further comprising content data for transmission by said slave uplink being provide from outside said slave uplink.

84. (New) The method of claim 8 further comprising said slave uplink being in operative communication with a LAN, said LAN providing content data uploadable to said slave uplink for transmission according to said control instruction command.

85. (New) The method of claim 8 further comprising said slave uplink comprising a decryptor, a validator and a control stream inserter that inserts control instructions for transmission in an outgoing datastream for broadcast.